

	Type	Hits	Search Text
1	BRS	1	10/724942
2	BRS	1	S1 and (photo\$8 pd\$1 twpd\$2) same (twm modulats\$5) same (line\$2 within)
3	BRS	1	10/724942
4	BRS	1	S3 and (photo\$8 pd\$1 twpd\$2) same (twm modulats\$5) same (line\$2 within)
5	BRS	0	S3 and (effect\$4 near3 andgap\$2) same absorb\$4
6	BRS	0	S3 and (effect\$4 near3 andgap\$2) same absor\$6
7	BRS	1	S3 and (bandgap\$2 BAND ADJ1 GAP\$2) same absor\$6
8	BRS	1	S3 and (bandgap\$2 BAND ADJ1 GAP\$2) same absor\$6 same (decreas\$4 low\$3)
9	BRS	1	S3 and (transmi\$5 line\$1)
10	BRS	1	S3 and (optimiz\$6 characteristic\$3 impedanc\$3 avoids loss\$3)
11	BRS	1	S3 and ((load\$3 near2 resist\$5) R) same (line\$1)
12	BRS	1	S3 and (wavelength\$1 near12 (electr\$4 (twpd near4 signal\$3))) and (twm modulats\$5) near12 wavelength\$2
13	BRS	1	S3 and (widely laser\$1)
14	BRS	1	10/724942
15	BRS	1	S15 and (load\$4 same monitor\$3)
16	BRS	3	("6,349,106" "6580739" "6574256").pn.
17	BRS	21039	(tun\$5 near12 laser\$1)
18	BRS	6617	wavelength\$2 near7 conver\$5 near12 (laser\$1)
19	BRS	456687	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4))
20	BRS	11855	(modulats\$5 near12 intensit\$3 same laser)

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 11:36		
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:18		
3	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:18		
4	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:46		
5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:48		
6	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:48		
7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:50		
8	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:52		
9	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 18:55		
10	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 19:09		
11	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 19:14		
12	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 19:34		
13	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/20 19:35		
14	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 11:36		
15	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 11:46		
16	US-PGPUB; USPAT	2005/06/21 17:23		
17	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 12:56		
18	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 12:57		
19	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:04		
20	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:05		

	Errors	Ref #
1		S1
2		S2
3		S3
4		S4
5		S5
6		S6
7		S7
8		S8
9		S9
10		S10
11		S11
12		S13
13		S14
14		S15
15		S16
16		S18
17		S19
18		S20
19		S21
20		S22

	Type	Hits	Search Text
21	BRS	79	S19 and S20 and S21 and S22
22	BRS	22389	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) same (twm modulat\$5)
23	BRS	50	S23 and S24
24	BRS	2500	(modulat\$5 near12 intensit\$3 same laser same wavelength\$1)
25	BRS	45	S25 and S26
26	BRS	16945	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) same absor\$6
27	BRS	1139	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) same absor\$6 same (twm modulat\$5)
28	BRS	15	S29 and S30
29	BRS	9	S31 and (load\$4)
30	BRS	16945	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) same absor\$6
31	BRS	17	S29 and S33
32	BRS	16	S34 and (load\$4 terminat\$5 ground\$3 monitor\$4)
33	BRS	11	S35 and (electric\$4 near6 (line\$1 cable\$1 transmi\$4 wire\$1))
34	BRS	11	S35 and (electric\$4 transm\$5) near12 (line\$1 cable\$1 transmi\$4 wire\$1)
35	BRS	15	S35 and (electric\$4 transm\$5) same (line\$1 cable\$1 transmi\$4 wire\$1)
36	BRS	15	S38 and (wave twpd twm)
37	BRS	12	S38 and ((travel\$5 near5 wave) (twpd\$1 twm\$1))
38	BRS	1	S41 and ((photo near5 elect\$5) photoelect\$5)
39	BRS	12	S41 and (monolithic\$4 chip\$2 ic\$1)
40	BRS	17	S27 and S28

	DBs	Time Stamp	Comments	Error Definition
21	US-PGPUB; USPAT; EPO; JPO; DERWENT.	2005/06/21 13:03		
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:11		
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:04		
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 14:00		
25	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:05		
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:52		
27	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:12		
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:12		
29	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:13		
30	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:12		
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:12		
32	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 14:07		
33	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:16		
34	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:19		
35	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:05		
36	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:21		
37	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:29		
38	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:24		
39	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:30		
40	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:54		

	Errors	Ref #
21		S23
22		S24
23		S25
24		S26
25		S27
26		S28
27		S30
28		S31
29		S32
30		S33
31		S34
32		S35
33		S36
34		S37
35		S38
36		S39
37		S41
38		S42
39		S43
40		S29

	Type	Hits	Search Text
41	BRS	5	S29 not S43
42	BRS	57192	(PH\$1 photo adj1 (detect\$4 diod\$2) photodetect\$5 photodiod\$2 twpd\$1 electric\$4) near12 (modulat\$5 intensit\$3) same modulat\$5
43	BRS	44	S25 and S48
44	BRS	5833	(PH\$1 photo adj1 (detect\$4 diod\$2) photodetect\$5 photodiod\$2 twpd\$1 electric\$4) near12 modulat\$5 near7 (wavelength\$2 intensit\$3)
45	BRS	34	S25 and S50
46	BRS	12	S51 and S43
47	BRS	2	"4856899".pn.
48	BRS	2	S53 and (electric\$4 transm\$5 line\$1 cable\$1 transmi\$4 wire\$1)
49	BRS	2	S53 and (electric\$4 transm\$5 line\$1 cable\$1 transmi\$4 wire\$1 waveguide\$1 fiber\$1 fibre\$1 guid\$3)
50	BRS	1	S53 and S24
51	BRS	1	S53 and ((pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) (twm modulat\$5))
52	BRS	0	modulat\$6 adj12 (electric\$4 adj2 output\$4 near12 (optic\$3 wavelength\$1 light) adj3 output\$4)
53	BRS	3478	modulat\$6 same (electric\$4 adj10 output\$4) same (optic\$3 wavelength\$1 light) adj12 output\$4
54	BRS	421	modulat\$6 same (electric\$4 near12 optical\$3 near12 line\$1) same output\$4
55	BRS	3707	S59 S60
56	BRS	16667	(PH\$1 photo adj1 (detect\$4 diod\$2) photodetect\$5 photodiod\$2 twpd\$1 electric\$4) near12 modulat\$5 near7 (light wavelength\$2 intensit\$3)

	DBs	Time Stamp	Comments	Error Definition
41	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 13:54		
42	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 14:06		
43	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 14:06		
44	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:48		
45	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 14:06		
46	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 14:52		
47	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:05		
48	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:06		
49	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:09		
50	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:09		
51	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:37		
52	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:55		
53	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:46		
54	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:47		
55	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:47		
56	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:52		

	Errors	Ref #
41		S47
42		S48
43		S49
44		S50
45		S51
46		S52
47		S53
48		S54
49		S55
50		S56
51		S57
52		S58
53		S59
54		S60
55		S61
56		S62

	Type	Hits	Search Text
57	BRS	1945	S61. and S62
58	BRS	992	S19 and S20
59	BRS	40	S63 and S64
60	BRS	0	S65 not S62
61	BRS	34	S65 not S52
62	BRS	2675	modulat\$6 near12 electric\$4 near12 optic\$3 near12 output\$4
63	BRS	35	S64 and S68
64	BRS	22383	modulat\$5 same (pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4))
65	BRS	371	modulat\$6 near12 electric\$4 near12 optic\$3 near12 output\$4 same (pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4))
66	BRS	12	S69 and S71
67	BRS	2	("20020018611" "5715075").pn.
68	BRS	16	S69 and S70
69	BRS	0	S75 not S69
70	BRS	4	S75 not S72
71	BRS	19	S69 not (S72 S75 S52 S47)
72	BRS	2	S72 and S74
73	BRS	2	S79 and electr\$5
74	BRS	1	10/724942
75	BRS	1	S82 and (substrat\$4 carri\$4 chip\$1 ic\$1)
76	BRS	80	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near5 travel\$5 near4 wave\$1

	DBs	Time Stamp	Comments	Error Definition
57	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:49		
58	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:52		
59	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:53		
60	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:53		
61	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 15:53		
62	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:02		
63	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:29		
64	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:23		
65	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:04		
66	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:51		
67	US-PGPUB; USPAT	2005/06/21 16:21		
68	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:24		
69	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:25		
70	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:25		
71	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:47		
72	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 16:52		
73	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 17:27		
74	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:17		
75	US-PGPUB; USPAT	2005/06/21 18:00		
76	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:09		

	Errors	Ref #
57		S63
58		S64
59		S65
60		S66
61		S67
62		S68
63		S69
64		S70
65		S71
66		S72
67		S74
68		S75
69		S76
70		S77
71		S78
72		S79
73		S80
74		S81
75		S83
76		S84

	Type	Hits	Search Text
77	BRS	1096	modulat\$5 near5 travel\$5 near4 wave\$1
78	BRS	17	S84 and S85
79	BRS	2	S20 and S86
80	BRS	4194	electric\$3 adj1 signal\$3 near12 load
81	BRS	2	S86 and S88
82	BRS	89553	electric\$3 near5 signal\$3 near12 (resistor\$1 load monitor\$3 analyz\$4 process\$4)
83	BRS	3	S86 and S90
84	BRS	6540	electric\$3 adj5 signal\$3 near12 load
85	BRS	3	S20 and S92
86	BRS	10	S33 and S92
87	BRS	115	electric\$3 adj5 signal\$3 near12 load near5 resistor
88	BRS	4	"385"/\$.ccls. and S95
89	BRS	0	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near5 high\$3 adj1 satudara\$5 and "385"/\$.ccls.
90	BRS	0	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near5 satudara\$5 and "385"/\$.ccls.
91	BRS	0	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near5 satuarat\$5
92	BRS	0	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near12 high\$3 adj1 satudara\$5 and "385"/\$.ccls.
93	BRS	0	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near12 high\$3 adj1 satudara\$5

	DBs	Time Stamp	Comments	Error Definition
77	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:02		
78	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:03		
79	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:09		
80	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:09		
81	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:07		
82	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:07		
83	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:07		
84	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:24		
85	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:11		
86	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:12		
87	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 18:24		
88	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:03		
89	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:07		
90	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:06		
91	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:06		
92	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:07		
93	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:07		

	Errors	Ref #
77		S85
78		S86
79		S87
80		S88
81		S89
82		S90
83		S91
84		S92
85		S93
86		S94
87		S95
88		S96
89		S97
90		S98
91		S99
92		S100
93		S101

	Type	Hits	Search Text
94	BRS	0	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near12 satuara\$5
95	BRS	2	(pd\$2 (ptotodiode\$2 photodetect\$5) twpd\$1 photo adj1 (diod\$2 detect\$4)) near5 travel\$5 near4 wave\$1 same saturat\$4
96	BRS	1	"20020018611".pn.
97	BRS	1	S81 and (regenerat\$5 (without adj7 circuit\$2))

	DBs	Time Stamp	Comments	Error Definition
94	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:08		
95	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:09		
96	US-PGPUB; USPAT	2005/06/21 19:15		
97	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/21 19:17		